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4 discriminated by a discrimination device in
 5 accordance with color information on the target
 6 provided by the target color measuring device.

1 7. A sheet roll discrimination device for
 2 discriminating a type of a sheet roll, comprising:

3 a target position measuring device which
 4 measures a position of a target which is disposed
 5 in a hollow portion formed in a sheet roll; and

6 a discrimination device which discriminates a
 7 type of the sheet roll in accordance with
 8 positional information on the target provided by
 9 the target position measuring device.

1 8. The sheet roll discrimination device of claim
 2 7, wherein the target position measuring device
 3 includes an ultrasonic distance measuring device.

1 9. The sheet roll discrimination device of claim
 2 7, wherein the target position measuring device
 3 includes a photoelectric distance measuring device.

1 10. The sheet roll discrimination device of claim
 2 7, wherein the target position measuring device
 3 includes a contact type distance measuring device.

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11. The sheet roll discrimination device of claim 7, wherein the sheet roll comprises a sheet rolled in a tubular manner to form the hollow portion.

12. The sheet roll discrimination device of claim 11, wherein the sheet roll further comprises a core tube disposed in the hollow portion, wherein the sheet is rolled round the core tube, and wherein the target is located in the core tube.

13. The sheet roll discrimination device of claim 11, wherein the target has an opening formed therein.

14. A sheet roll discrimination device for discriminating a type of a sheet roll, comprising:

a target color measuring device which measures a color of a target which is disposed in a hollow portion formed in a sheet roll; and

a discrimination device which discriminates a type of the sheet roll in accordance with color information on the target provided by the target position measuring device.

15. The sheet roll discrimination device of claim 14, wherein the sheet roll comprises a sheet rolled in a tubular manner to form the hollow portion.

1 16. The sheet roll discrimination device of claim
2 15, wherein the sheet roll further comprises a core
3 tube disposed in the hollow portion, wherein the
4 sheet is rolled round the core tube, and wherein
5 the target is located in the core tube.

1 17. The sheet roll discrimination device of claim
2 15, wherein the target has an opening formed
3 therein.

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